



Commercial Full Feature Closer Grade 1

5100 Series

5100 Series



Pivot Stop Arm



The Pivot Stop Arm (PS) is designed to serve as a medium-duty door stop for situations where a door stop or overhead stop is not practical. PS uses backcheck to slow the door and a stop that is integrated into the closer arm to limit the travel of the door (integral stop). PS is available in Regular and Top Jamb mounting. Templating is available for opening angles from 85 - 100 degrees in 5-degree increments.

Spring Cushion Stops



630 SATIN
STAINLESS STEEL



613 OIL RUBBED
BRONZE



605 BRIGHT
BRASS

PDQ's SCS Series Spring Cushion Stop helps reduce wear and tear on the opening. As the door begins moving through backcheck to its maximum opening angle, the stop acts as a shock absorber, dampening the impact forces.

Specifications



BODY:	• High Strength Aluminum Alloy Body
ARM OPTIONS:	<ul style="list-style-type: none"> • PA – Parallel Arm • HO – Hold Open • DS/DSHO – Heavy Duty Parallel Arm Stop • RA – Regular Arm • SCS/SCSHO – Heavy Duty Parallel Arm Cushion Stop • TA/TAHO – Track Arm • EDA/EDAHO – Extra Duty Parallel Arm • PS – Pivot Stop Arm*
PISTON:	• Hardened steel, 1-1/2" diameter
ADJUSTMENT:	• Hydraulic controlled closing • Separate hydraulic backcheck standard • Optional delayed action (in addition to backcheck)
SIZE:	• Adjustable 1 through 6
MOUNTING:	<ul style="list-style-type: none"> • Tri-packed for regular, top jamb and parallel arm installations • Includes sex nuts/bolts and screws for wood/metal doors/frames • Self drilling, self tapping screws standard • Separate limiting stop may be required for high abuse application
COVER:	• Full plastic cover standard, optional full metal cover available
COLOR & ARCHITECTURAL FINISHES:	• 605 – Polished Brass, 625 – Polished Chrome, 689 – Aluminum, 693 – Black, 695 – Duro Bronze, 696 – Gold
WARRANTY:	• Twenty-five (25) year Limited Warranty
CERTIFICATIONS, LISTINGS, COMPLIANCES:	<ul style="list-style-type: none"> • UL listed for labeled swinging fire doors rated up to and including 3 hours • Certified to ANSI/BHMA A156.4 Grade 1 • TAA compliant. Country of origin: KR

Finishes

Architectural



605 (US3)
Bright Brass



625 (US26)
Bright Chromium

Painted



689 (US28)
Aluminum



693
Black



695
Dark Duranodic
Bronze



696
Gold

Finishes shown are representative only. PDQ cannot guarantee that product shipped will match finishes shown. Not all products are available in all finishes listed.

Features

- 6 Additional Spring Settings that Provide 17% More Adjustment Capability to Find that Sweet Spot for Optimal Door Closing Action.

Typical Applications

- Aluminum Storefronts
- Government Facilities
- Higher Education
- Hospitality
- Houses of Worship
- Interior Office Doors
- Multi-family
- Offices
- Retail

How to Order

QUANTITY	SERIES	DELAYED ACTION	BACKCHECK	ARM TYPE	FINISH	ACCESSORIES
10	51	01	BC	PA	689	—

NOTES

- 1 - Hold Open (HO) option not permitted for use on labeled fire doors.
- 2 - Separate limiting stop may be required.

01 – Non-Delayed Action
41 – Delayed Action (In Addition To Backcheck)

BC – Adjustable Hydraulic Backcheck

DS – Door Saver Arm

DSHO – Door Saver Hold Open Arm

EDA – Extra Duty Arm

EDA HO – Extra Duty Arm Hold Open

HO – Hold Open, Tri-Pack

PA – Tri-Pack (standard)

RA – Regular Arm

SCS – Spring Cushion Stop

SCSHO – Spring Cushion Stop Hold open

TA – Track Arm

TAHO – Track Arm Hold Open

DA – Delayed Action

PS – Pivot Stop Arm

BLANK – Body Only

605 – Polished Brass

625 – Polished Chrome

689 – Aluminum

693 – Black

695 – Duro Bronze

696 – Gold

BP – Back Plate

BS – Blade Stop Spacer

DPPA – Parallel Arm Drop Plate

DPTJ – Top Jamb Drop Plate

FCM – Full Metal Cover specify hand

NFB – Narrow Frame Bracket

SDST – Self Drilling Self Tapping Screws

Size Selector

APPLICATION	CLOSER SIZE	INTERIOR	EXTERIOR
Regular / Top Jamb	1	30"	—
	2	34"	26"
	3	38"	30"
	4	48"	36"
	5	54"	42"
	6	60"	48"
Parallel Arm	1	—	—
	2	30"	—
	3	34"	26"
	4	38"	30"
	5	48"	36"
	6	54"	42"

Note: 5100 Series Closer sizes may vary due to site conditions.

Cross Reference

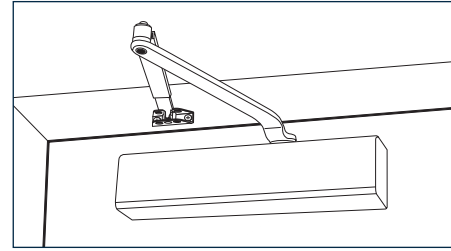
MANUFACTURER	PDQ	CAL ROYAL	CORBIN/RUSSWIN®	DORMA	FALCON	HAGER	STANLEY COMMERCIAL	LCN®	NORTON®	SARGENT®	STANLEY	YALE
SERIES	5100	900	N/A	7414-7436	SC60	N/A	N/A	1370	160	1130/1131	N/A	51
MOUNTING HOLE PATTERN RETRO-FIT	YES	YES	NO	NO	—	YES	—	NO	NO	NO	—	NO

Information on this sheet is compiled from public documents and third parties. As a result, PDQ makes no guarantees as to their accuracy, content, quality or availability. Comparisons were made using the technical features only and are not commercial comparisons. Final suitability should be determined by a professional hardware consultant.

Mounting Position

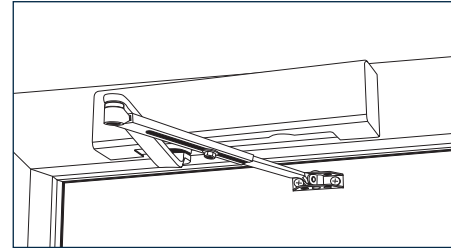
Regular Arm (RA)

Regular arm mount is a pull side application with double lever arm. The closer mounts on the door and the arm mounts to the frame. It provides the most efficient operation for door control and is commonly used on in-swing doors from corridors or other interior doors. Regular arm mount is a poor choice for exterior out-swinging doors as it would put the closer on the exterior of the building. The arm assembly projects directly out from the frame. That may be a concern for vandalism or aesthetics. Regular arm application can be used with non-hold open or hold open arms.



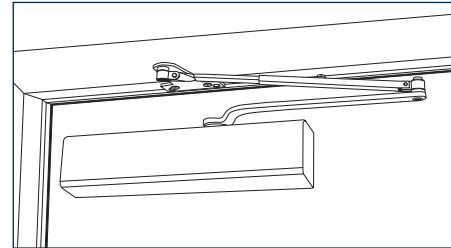
Top Jamb Mount

Top jamb mount is a push side double lever arm application that offers the best alternative to regular arm mount. The closer mounts to the frame and the arm mounts to the door. This application is commonly used on exterior out-swinging doors. It is a poor application for in-swinging doors from a corridor as it places the closer arm in a visible application projecting into the corridor. The arm projects out similar to regular arm mount. Therefore, it can be a concern for vandalism or aesthetics. Top jamb application can be used with non-hold open or hold open arms.



Parallel Arm (PA)

Parallel arm mount is a push side double lever arm application. The closer is installed on the push side of the door and the arm is mounted to a parallel arm adapter plate installed to the frame soffit. The arm is approximately parallel with the face of the door, eliminating the projection condition evident with regular arm and top jamb applications. Parallel arm is often preferred where aesthetics or vandalism are concerns. Parallel arm is less efficient than regular or top jamb mounts due to the geometry of the arm. Parallel arm application can be used with non-hold open or hold open arms.



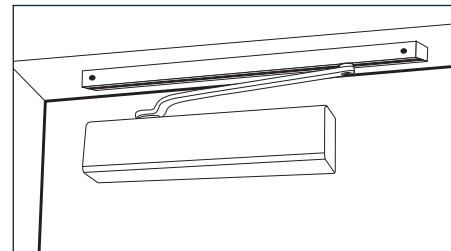
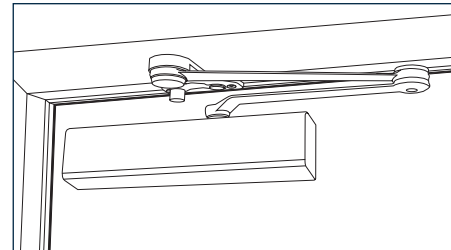
Parallel Stop Arm (DS/DSHO) Extra Duty PA Arm (EDA/EDAHO)

The parallel stop arm mount is an enhanced version of the parallel arm application. It is similar to the parallel arm mount but incorporates a heavy duty rigid arm and soffit plate with limiting dead stop. The dead stop feature is field handed. The closer's backcheck function should be adjusted to cushion the impact of the stop. The parallel stop arm is intended for use where an auxiliary stop cannot be utilized. The parallel stop arm is available in non-hold open (DS) and hold open (DSHO) applications.



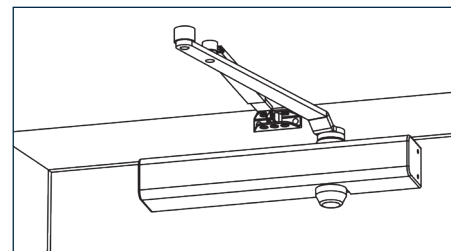
Recommend using the SCS Spring Cushion Stop for moderate to high abuse installations.

For Extra Duty PA Arm applications, specify EDA or EDAHO. Similar to DS/DSHO without the stop. Requires separate limiting stop by others.



Track Arm (TA)

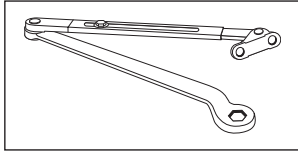
The non-handed Track Arm mount incorporates a single stamped arm not designed to be used as a limiting dead stop. Its low profile helps to eliminate projecting arm conditions, which can reduce vandal damage.



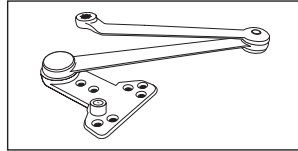
Pivot Stop Arm (PS)

The PS (Pivot Stop) arm is designed to serve as a medium-duty door stop for situations where a door stop or overhead stop is not practical. Available in Regular and Top Jamb mounting, the PS arm uses backcheck to slow the door and a stop integrated into the closer arm to limit the travel of the door. The PS arm limits the travel of the door to a specific, templated angle. Templating is available for opening angles from 85 to 110 degrees in 5 degree increments. The PS arm is not available with hold-open.

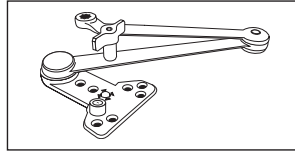
Arms



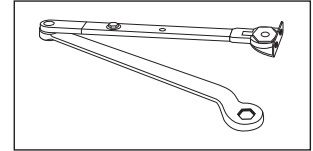
RA - REGULAR ARM



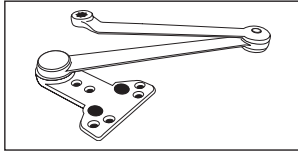
DS - DOOR SAVER (LIMITING STOP) ARM



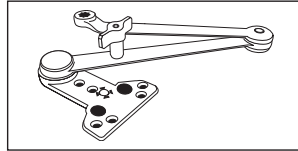
DSHO - DOOR SAVER (LIMITING STOP) HOLD OPEN ARM



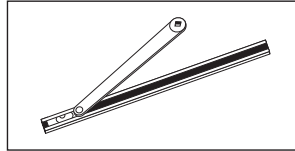
HO - HOLD OPEN ARM



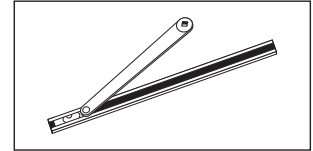
EDA - EXTRA DUTY ARM



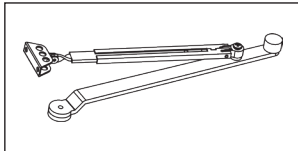
EDAHO - EXTRA DUTY ARM HOLD OPEN



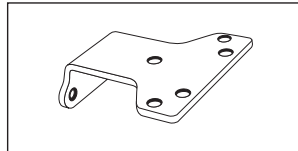
TA - TRACK ARM ASSEMBLY



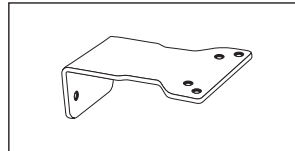
TAHO - TRACK ARM HOLD OPEN



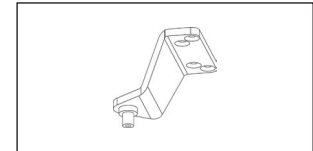
PS - PIVOT STOP ARM



PA - PARALLEL ARM BRACKET

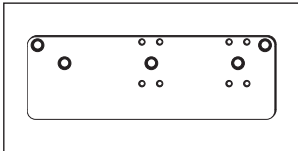


PAHO - PARALLEL ARM HO BRACKET

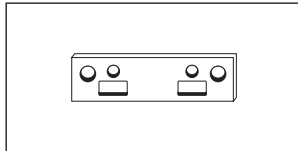


DBPA - PARALLEL ARM DROP BRACKET PA APPLICATION ONLY

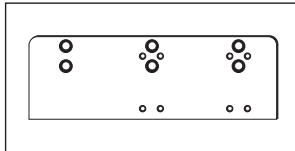
Accessories



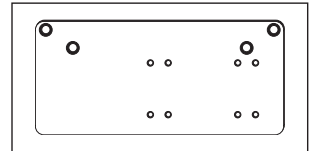
BP - BACK PLATE



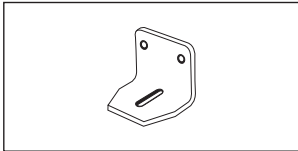
BS - BLADE STOP SPACER



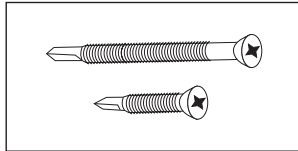
DPPA - PARALLEL ARM DROP PLATE



DPTJ - TOP JAMB DROP PLATE

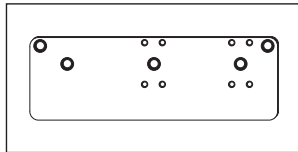


NFB - NARROW FRAME BRACKET

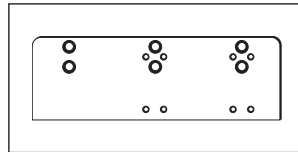


SDST - SELF DRILLING SELF TAPPING SCREWS

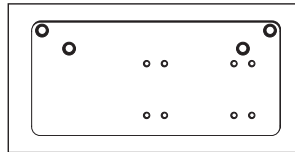
Mounting Plates



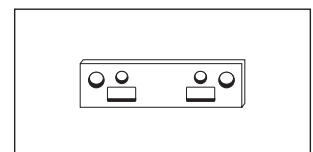
BP - BACK PLATE



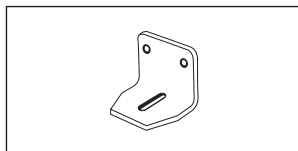
DPTJ - TOP JAMB DROP PLATE



DPPA - PARALLEL ARM DROP PLATE

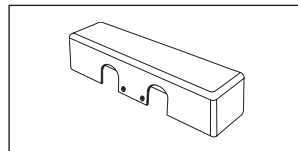


BS - BLADE STOP SPACER

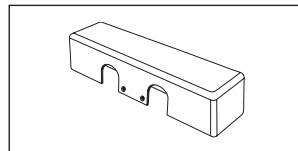


NFB - NARROW FRAME BRACKET

Covers



FC - FULL PLASTIC COVER-5500 (STANDARD)



FMC - FULL METAL COVER (OPTIONAL)

Suggested Architectural Specifications

All door closers shall be PDQ Industries, Inc. 5100 Series with full rack and pinion construction, heavy duty cast aluminum closer body, stamped flat style arm assembly and full architectural cover. Hydraulic control shall be through separate hex-key non-critical sweep, latch and backcheck adjustment. Optional delayed action to be effective from maximum opening to approximately 70 degrees. Closers shall be non-handed, suitable for regular, top jamb and parallel arm applications with fasteners for wood or metal doors and frames. Sex nuts and bolts shall be furnished standard. Spring adjustment to be provided throughout a range of sizes 1-6. All products carry a 25-year manufacturer's limited warranty. Closers shall be UL 10C listed for positive pressure and certified to ANSI/BHMA A156.4-2006 Grade 1.



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